截止到 2025 年 4 月 13 日，Springer 期刊中引用天津市倍思乐色谱技术开发中心微球产品的论文清单（共 112 篇）：

1. Sun, Y., Huang, J., Wang, Z. et al. Phototransformation and toxicity enhancement of silver chloride nanoparticles by polystyrene microplastics under sunlit. Environ Chem Lett 23, 13–19 (2025).
2. Liang, J., Wang, P., Zhang, L. et al. Fabrication and SERS Performance of SiO2@Ag Core–Shell Structure Nanoparticle Array. Plasmonics (2025).
3. Li, Q., Zhu, K., Huang, L. et al. Polystyrene microplastics induce liver fibrosis and lipid deposition in mice through three hub genes revealed by the RNA-seq. Sci Rep 15, 2583 (2025).
4. Guo, J., You, T., Feng, X. et al. Lactiplantibacillus plantarum P101 Alleviates Liver Toxicity of Combined Microplastics and Di-(2-Ethylhexyl) Phthalate via Regulating Gut Microbiota. Probiotics & Antimicro. Prot. (2025).
5. Wei, X., Zhang, S., Pi, X. et al. Transcriptome Analysis of Soiny Mullet Larvae Challenge with Polystyrene Microplastics. J. Ocean Univ. China 24, 147–156 (2025).
6. Liang, Y., Yang, J., Zhang, Z. et al. Combined toxic effects of yessotoxin and polystyrene on the survival, reproduction, and population growth of rotifer Brachionus plicatilis at different temperatures. Ecotoxicology 34, 112–126 (2025).
7. Lv, L., Feng, W., Sun, K. et al. Muti-Biomarker Approach and IBR Index to Evaluate the Oxidative Stress of Nanoplastic on the Clams, Meretrix meretrix and Sinonovacula constricta. J. Ocean Univ. China 24, 249–258 (2025).
8. Qin, X., Liu, X., Liu, S. et al. Movable surface acoustic wave tweezers: a versatile toolbox for micromanipulation. Microsyst Nanoeng 10, 155 (2024)。
9. Li, B., Tan, S., Yu, X. et al. Omaveloxolone Prevents Polystyrene Microplastic-Induced Ovarian Granulosa Cell Apoptosis via the Keap1/Nrf2/HO-1 Pathway in Rats. Mol Biotechnol (2024).
10. Tian, Y., Liu, Z., Sun, M. et al. Establishment, application and comparison of three immunoaffinity pretreatment techniques for mycotoxins systematically. Food Measure 18, 7224–7233 (2024).
11. Wu, D., Lu, X., Dong, LX. et al. Dietary chitosan reversed the toxic effects of polystyrene microplastics on Nile tilapia (Oreochromis niloticus) liver by inhibiting mitochondrial damage. Rev Fish Biol Fisheries 34, 1051–1065 (2024).
12. He, Y., Yu, T., Li, H. et al. Polystyrene nanoplastic exposure actives ferroptosis by oxidative stress-induced lipid peroxidation in porcine oocytes during maturation. J Animal Sci Biotechnol 15, 117 (2024).
13. Li, X., Piao, J., Kang, B. et al. The toxic effects of polystyrene microplastic/nanoplastic particles on retinal pigment epithelial cells and retinal tissue. Environ Sci Pollut Res 31, 54950–54961 (2024).
14. Fu, X., Li, L., Wu, G. et al. Establishment of Sensitive Sandwich-Type Chemiluminescence Immunoassay for Interleukin-18 in Urinary Samples. Appl Biochem Biotechnol 195, 7414–7428 (2023).
15. Wang, X., Zhao, Z., An, L. et al. Novel unlabeled electrochemical sensing platform based on highly electroactive Cu-MOF film for nanoplastic detection in water. Microchim Acta 191, 772 (2024).
16. Wang, L., Shan, T., Pu, L. et al. Glucometer-based electrochemical biosensor for

determination of microRNA (let-7a) using magnetic-assisted extraction and supersandwich signal amplification. Microchim Acta 189, 444 (2022).

17. Niu, L., Li, L., Li, J. et al. Chemiluminescence Immunoassay Method of Urinary Liver Fatty-acid-binding Protein as a Promising Candidate for Kidney Disease. J Fluoresc 33, 1191–1200 (2023).
18. Li, X., Deng, X. & Chen, L. Sunflower-like missing-linker covalent organic framework for efficient extraction of non-steroidal anti-inflammatory drugs. Environ Sci Pollut Res 31, 16601–16612 (2024).
19. Zhang, Y., Zhang, M. & Fan, Y. Assessment of microplastics using microfluidic approach. Environ Geochem Health 45, 1045–1052 (2023).
20. Mamtimin, X., Song, W., Wang, Y. et al. Arsenic adsorption by carboxylate and amino modified polystyrene micro- and nanoplastics: kinetics and mechanisms. Environ Sci Pollut Res 30, 44878–44892 (2023).
21. Cui, H., Yang, W., Cui, Y. et al. Adverse effects of pristine and aged polystyrene microplastics in mice and their Nrf2-mediated defense mechanisms with tissue specificity. Environ Sci Pollut Res 30, 39894–39906 (2023).
22. Teng, M., Li, Y., Zhao, X. et al. Vitamin D modulation of brain-gut-virome disorder caused by polystyrene nanoplastics exposure in zebrafish (Danio rerio). Microbiome 11, 266 (2023).
23. Zhang, Y., Lin, Y., Hong, X. et al. Demand-driven active droplet generation and sorting based on positive pressure-controlled fluid wall. Anal Bioanal Chem 415, 5311–5322 (2023).
24. Yu, J., Gu, W., Chen, L. et al. Comparison of metabolome profiles in zebrafish (Danio rerio) intestine induced by polystyrene microplastics with different sizes. Environ Sci Pollut Res 30, 22760–22771 (2023).
25. Liu, Y., Ren, T., Xu, G. et al. Effects of micro- and nano-plastics on accumulation and toxicity of pyrene in water spinach (Ipomoea aquatica Forsk). Environ Sci Pollut Res 30, 956–965 (2023).
26. Yu, C., Xu, Y., Wei, Y. et al. Gut microbiota and liver metabolomics reveal the potential mechanism of Lactobacillus rhamnosus GG modulating the liver toxicity caused by polystyrene microplastics in mice. Environ Sci Pollut Res 31, 6527–6542 (2024).
27. Shen, S., Feng, H., Deng, Y. et al. A reflective display based on the electro-microfluidic assembly of particles within suppressed water-in-oil droplet array. Light Sci Appl 12, 290 (2023).
28. Shi, X., Tan, W., Lu, Y. et al. A needle tip CCEA microfluidic device based on enhanced Dean flow for cell washing. Microsyst Nanoeng 7, 81 (2021).
29. Zhang, G., Yu, K., Zhou, B. et al. Magnetic zirconium-based Prussian blue analog nanozyme: enhanced peroxidase-mimicking activity and colorimetric sensing of phosphate ion. Microchim Acta 189, 220 (2022).
30. Yu, Y., Pan, Y., Shen, Y. et al. Vascular network-inspired fluidic system (VasFluidics) with spatially functionalizable membranous walls. Nat Commun 15, 1437 (2024).
31. Sheng, S., Han, N., Wei, Y. et al. Liver Injury Induced by Exposure to Polystyrene Microplastics Alone or in Combination with Cadmium in Mice Is Mediated by Oxidative Stress and Apoptosis. Biol Trace Elem Res 202, 2170–2183 (2024).
32. Matijaković Mlinarić, N., Selmani, A., Brkić, A.L. et al. Exposure of microplastics to organic

matter in waters enhances microplastic encapsulation into calcium carbonate. Environ Chem Lett 20, 2235–2242 (2022).

33. Xu, W., Ye, S., Liu, W. et al. Single-cell RNA-seq analysis decodes the kidney microenvironment induced by polystyrene microplastics in mice receiving a high-fat diet. J Nanobiotechnol 22, 13 (2024).
34. He, Y., Zhang, Y., Zhou, W. et al. Combined exposure of polystyrene microplastics and carbamazepine induced transgenerational effects on the reproduction of Daphnia magna. Environ Sci Pollut Res 30, 67596–67607 (2023).
35. Xiao, K., Song, L., Li, Y. et al. Dietary intake of microplastics impairs digestive performance, induces hepatic dysfunction, and shortens lifespan in the annual fish Nothobranchius guentheri. Biogerontology 24, 207–223 (2023).
36. Wang, XY., Li, Y., Lv, S. et al. pH-Responsive Magnetic I-Motif Container Coupled with DNA Walker for Construction of Dual-Signal Electrochemical Biosensor. J. Anal. Test. 6, 12–19 (2022).
37. Kang, H., Huang, D., Jing, J. et al. Fasn involved in the nephrotoxicity induced by polystyrene nanoplastics and the intervention of melatonin through intestinal microbiota-mediated lipid metabolism disorder. Nano Res. 17, 7365–7375 (2024).
38. Avellán-Llaguno, R.D., Zhang, X., Zhao, P. et al. Differential aggregation of polystyrene and titanium dioxide nanoparticles under various salinity conditions and against multiple proteins types. Environ Sci Pollut Res 29, 74173–74184 (2022).
39. Mu, X., Qi, S., Liu, J. et al. Toxicity and behavioral response of zebrafish exposed to combined microplastic and bisphenol analogues. Environ Chem Lett 20, 41–48 (2022).
40. Wu, X., Zeng, X., Lyu, X. et al. Combined Effects of Fe/Al Oxyhydroxide Coating and pH on Polystyrene Nanoplastic Transport in Saturated Sand Media. Water Air Soil Pollut 233, 2 (2022).
41. Hu, J., Ding, L., Chen, J. et al. Ultrasensitive dynamic light scattering immunosensing platform for NT-proBNP detection using boronate affinity amplification. J Nanobiotechnol 20, 21 (2022).
42. Li, M., Ge, C., Yang, Y. et al. Direct separation and enumeration of CTCs in viscous blood based on co-flow microchannel with tunable shear rate: a proof-of-principle study. Anal Bioanal Chem 414, 7683–7694 (2022).
43. Liu, K., Pan, Y., Wang, X. et al. A low-cost self-dispersing method of droplet array generation enabled by a simple reusable mask for bioanalysis and bioassays. Anal Bioanal Chem 414, 1141–1149 (2022).
44. Karpenko, A.A., Odintsov, V.S. & Istomina, A.A. Micro-nano-sized polytetrafluoroethylene (teflon) particles as a model of plastic pollution detection in living organisms. Environ Sci Pollut Res 29, 11281–11290 (2022).
45. Tewari, A., Almuhtaram, H., McKie, M.J. et al. Microplastics for Use in Environmental Research. J Polym Environ 30, 4320–4332 (2022).
46. Yi, X., Li, W., Liu, Y. et al. Effect of Polystyrene Microplastics of Different Sizes to Escherichia coli and Bacillus cereus. Bull Environ Contam Toxicol 107, 626–632 (2021).
47. Wang, D., Ru, S., Zhang, W. et al. Impacts of nanoplastics on life-history traits of marine rotifer (Brachionus plicatilis) are recovered after being transferred to clean seawater. Environ Sci Pollut Res 29, 42780–42791 (2022).

48. Lu, J., Wu, J., Gong, L. et al. Combined toxicity of polystyrene microplastics and sulfamethoxazole on zebrafish embryos. Environ Sci Pollut Res 29, 19273–19282 (2022).
49. Hu, Y., Jiang, S., Zhang, Q. et al. Protective effect of Cordycepin on blood-testis barrier against pre-puberty polystyrene nanoplastics exposure in male rats. Part Fibre Toxicol 21, 30 (2024).
50. Cao, X., Liu, M., Zhao, M. et al. Synergetic PtNP@Co3O4 hollow nanopolyhedrals as peroxidase-like nanozymes for the dual-channel homogeneous biosensing of prostate-specific antigen. Anal Bioanal Chem 414, 1921–1932 (2022).
51. Gui, Y., Zeng, Y., Chen, B. et al. A smart pathogen detector engineered from intracellular hydrogelation of DNA-decorated macrophages. Nat Commun 14, 2927 (2023).
52. Wang, Q., Wang, J., Chen, H. et al. Toxicity effects of microplastics and nanoplastics with cadmium on the alga Microcystis aeruginosa. Environ Sci Pollut Res 30, 17360–17373 (2023).
53. Huang, J., Wang, Z., Liu, R. et al. ZnO/glass-based SAW tweezer for dexterous particle patterning and patterned cell culturing. Microfluid Nanofluid 27, 34 (2023).
54. Zhu, G., Ying, J., Zhang, Z. et al. Inertial focusing patterns and equilibrium position of particles in symmetric CEA microchannels. Microfluid Nanofluid 26, 93 (2022).
55. Gao, S., Hao, J., Su, D. et al. Facile and sensitive detection of norfloxacin in animal-derived foods using immuno-personal glucose meter. Eur Food Res Technol 247, 2635–2644 (2021).
56. Jin, H., Yan, M., Pan, C. et al. Chronic exposure to polystyrene microplastics induced male reproductive toxicity and decreased testosterone levels via the LH-mediated LHR/cAMP/PKA/StAR pathway. Part Fibre Toxicol 19, 13 (2022).
57. Gouin, T., Ellis-Hutchings, R., Thornton Hampton, L.M. et al. Screening and prioritization of nano- and microplastic particle toxicity studies for evaluating human health risks – development and application of a toxicity study assessment tool. Micropl.&Nanopl. 2, 2 (2022).
58. Lei, F., Liang, M., Liu, Y. et al. Multi-compartment Organ-on-a-Chip Based on Electrospun Nanofiber Membrane as In Vitro Jaundice Disease Model. Adv. Fiber Mater. 3, 383–393 (2021).
59. Zhu, G., Zhang, Z., Shi, X. et al. Experimental study on inertial focusing pattern in asymmetric contraction–expansion array microchannel. Microfluid Nanofluid 26, 5 (2022).
60. Chen, H., Xie, T., Feng, J. et al. A Miniature Fiber Tip Polystyrene Microsphere Temperature Sensor With High Sensitivity. Photonic Sens 12, 84–90 (2022).
61. Xu, J., Wen, J., Fu, L. et al. Macrophage-specific RhoA knockout delays Wallerian degeneration after peripheral nerve injury in mice. J Neuroinflammation 18, 234 (2021).
62. Lin, M., Cheng, S., Wu, X. et al. Optical temperature sensing based on upconversion nanoparticles with enhanced sensitivity via dielectric superlensing modulation. J Mater Sci 56, 10438–10448 (2021).
63. Li, S., Wang, Q., Yu, H. et al. Polystyrene microplastics induce blood–testis barrier disruption regulated by the MAPK-Nrf2 signaling pathway in rats. Environ Sci Pollut Res 28, 47921–47931 (2021).
64. Zou, Y., Zhang, J., Xu, J. et al. SIRT6 inhibition delays peripheral nerve recovery by suppressing migration, phagocytosis and M2-polarization of macrophages. Cell Biosci 11, 210 (2021).

65. Li, X., Wang, Z., Bai, M. et al. Effects of polystyrene microplastics on copper toxicity to the protozoan Euglena gracilis: emphasis on different evaluation methods, photosynthesis, and metal accumulation. Environ Sci Pollut Res 29, 23461–23473 (2022).
66. Wieland, S., Ramsperger, A.F.R.M., Gross, W. et al. Nominally identical microplastic models differ greatly in their particle-cell interactions. Nat Commun 15, 922 (2024).
67. Kushigbor, S.D., Tang, Z., Bu, Y. et al. Electrokinetic oscillation, railing, and enrichment of submicron particles along 3D microelectrode tracks. Microfluid Nanofluid 25, 37 (2021).
68. Ren, X., Tang, J., Wang, L. et al. Microplastics in soil-plant system: effects of nano/microplastics on plant photosynthesis, rhizosphere microbes and soil properties in soil with different residues. Plant Soil 462, 561–576 (2021).
69. Li, Y., Chen, Y., Zhang, H. et al. Immobilization of cell membrane onto a glucose-Zn-based porous coordination polymer and its application to rapid screening of potentially active compounds from Vaccinium corymbosum L. leaves. Microchim Acta 187, 630 (2020).
70. Ma, Xy., Zhang, M., Fang, G. et al. Ursolic acid reduces hepatocellular apoptosis and alleviates alcohol-induced liver injury via irreversible inhibition of CASP3 in vivo. Acta Pharmacol Sin 42, 1101–1110 (2021).
71. Han, X., Zheng, Y., Dai, C. et al. Effect of polystyrene microplastics and temperature on growth, intestinal histology and immune responses of brine shrimp Artemia franciscana. J. Ocean. Limnol. 39, 979–988 (2021).
72. Sheng, W., Huang, N., Liu, Y. et al. An Ultrasensitive Fluorescence Immunoassay Based on Magnetic Separation and Upconversion Nanoparticles as Labels for the Detection of Chloramphenicol in Animal-Derived Foods. Food Anal. Methods 13, 2039–2049 (2020).
73. Shi, X., Tan, W., Liu, L. et al. Separation of exfoliated tumor cells from viscoelastic pleural effusion using a microfluidic sandwich structure. Anal Bioanal Chem 412, 5513–5523 (2020).
74. Zhao, X., Wang, A., Gao, S. et al. Enhancing photoluminescence of carbon quantum dots doped PVA films with randomly dispersed silica microspheres. Sci Rep 10, 5710 (2020).
75. Ren, Q., Xu, X., Cao, G. et al. Electrochemical thrombin aptasensor based on using magnetic nanoparticles and porous carbon prepared by carbonization of a zinc(II)-2-methylimidazole metal-organic framework. Microchim Acta 186, 659 (2019).
76. Yi, X., Wang, J., Li, Z. et al. The effect of polystyrene plastics on the toxicity of triphenyltin to the marine diatom Skeletonema costatum—influence of plastic particle size. Environ Sci Pollut Res 26, 25445–25451 (2019).
77. Feng, D., Weng, D., Chen, C. et al. Tension gradient self-assembly to facilely fabricate polytetrafluoroethylene coatings for oil–water separation. MRS Communications 9, 690–696 (2019).
78. Bai, Y., Lu, Y., Wang, K. et al. Rapid Isolation and Multiplexed Detection of Exosome Tumor Markers Via Queued Beads Combined with Quantum Dots in a Microarray. Nano-Micro Lett. 11, 59 (2019).
79. Yi, X., Chi, T., Li, Z. et al. Combined effect of polystyrene plastics and triphenyltin chloride on the green algae Chlorella pyrenoidosa. Environ Sci Pollut Res 26, 15011–15018 (2019).
80. Zhang, F., Chen, L. Synthesis of Octyl-Quaternary Ammonium Mixed-Mode Stationary Phase by Vapor Deposition Approach and Its Application in Compound Preparation Separation. Chromatographia 82, 1437–1447 (2019).
81. An, Y., Hu, Y., Li, X. et al. Selection of a novel DNA aptamer against OFA/iLRP for targeted

delivery of doxorubicin to AML cells. Sci Rep 9, 7343 (2019).
82. Guo, P., Wang, Y., Chen, Z. et al. Voltammetric immunoassay of human IgG based on the release of cadmium(II) from CdS nanocrystals deposited on mesoporous silica nanospheres. Microchim Acta 186, 15 (2019).
83. Chen, C., Weng, D., Mahmood, A. et al. Ultra-robust Superhydrophobic/superoleophilic Stainless Mesh Coated by PTFE/SiO2 for Oil/water Separation. MRS Advances 4, 359–367 (2019).
84. Liu, L., Han, L., Shi, X. et al. Hydrodynamic separation by changing equilibrium positions in contraction–expansion array channels. Microfluid Nanofluid 23, 52 (2019).
85. LI, R., Wan, QH. A Thioether-Embedded Mixed-Mode Cyano-Bonded Chromatographic Stationary Phase: Preparation, Characterization and Retention Mechanism. Chromatographia 81, 1623–1630 (2018).
86. Zheng, J., Xing, X., Yang, J. et al. Hybrid optofluidics and three-dimensional manipulation based on hybrid photothermal waveguides. NPG Asia Mater 10, 340–351 (2018).
87. Liu, Y., Xu, H., Dai, W. et al. 2.5-Dimensional Parylene C micropore array with a large area and a high porosity for high-throughput particle and cell separation. Microsyst Nanoeng 4, 13 (2018).
88. Kong, XJ., Zheng, C., Lan, YH. et al. Synthesis of multirecognition magnetic molecularly imprinted polymer by atom transfer radical polymerization and its application in magnetic solid-phase extraction. Anal Bioanal Chem 410, 247–257 (2018).
89. Hun, X., Liu, B. & Meng, Y. Ultrasensitive chemiluminescence assay for the lung cancer biomarker cytokeratin 21-1 via a dual amplification scheme based on the use of encoded gold nanoparticles and a toehold-mediated strand displacement reaction. Microchim Acta 184, 3953–3959 (2017).
90. Sarig, U., Sarig, H., Gora, A. et al. Biological and mechanical interplay at the Macro- and Microscales Modulates the Cell-Niche Fate. Sci Rep 8, 3937 (2018).
91. Xie, C., Tiede, C., Zhang, X. et al. Development of an Affimer-antibody combined immunological diagnosis kit for glypican-3. Sci Rep 7, 9608 (2017).
92. Deng, Y., Zhang, Y., Lemos, B. et al. Tissue accumulation of microplastics in mice and biomarker responses suggest widespread health risks of exposure. Sci Rep 7, 46687 (2017).
93. Wang, YH., Hariharan, A., Bastianello, G. et al. DNA damage causes rapid accumulation of phosphoinositides for ATR signaling. Nat Commun 8, 2118 (2017).
94. Piotrowski, P., Pawłowska, J., Sadło, J.G. et al. TEMPO functionalized C60 fullerene deposited on gold surface for catalytic oxidation of selected alcohols. J Nanopart Res 19, 161 (2017).
95. Yang, W., Yu, H., Li, G. et al. Facile modulation of cell adhesion to a poly(ethylene glycol) diacrylate film with incorporation of polystyrene nano-spheres. Biomed Microdevices 18, 107 (2016).
96. Meng, Y., Hun, X., Zhang, Y. et al. Toehold-aided DNA recycling amplification using hemin and G-quadruplex reporter DNA on magnetic beads as tags for chemiluminescent determination of riboflavin. Microchim Acta 183, 2965–2971 (2016).
97. Tan, S., Wang, L., Liu, H. et al. Single Nanoparticle Translocation Through Chemically Modified Solid Nanopore. Nanoscale Res Lett 11, 50 (2016).
98. Hun, X., Xu, Y. & Luo, X. Peptide-based biosensor for the prostate-specific antigen using

magnetic particle-bound invertase and a personal glucose meter for readout. Microchim Acta 182, 1669–1675 (2015).

99. Li, S., Liu, X., Chau, A. et al. A simple magnetic force-based cell patterning method using soft lithography. Sci. China Life Sci. 58, 400–402 (2015).
100. Wang, XH., Zhang, J., Peng, C. et al. Comparison of multi-recognition molecularly imprinted polymers for recognition of melamine, cyromazine, triamterene, and trimethoprim. Anal Bioanal Chem 407, 7145–7155 (2015).
101. Hu, Y., Duan, J., Cao, B. et al. Selection of a novel DNA thioaptamer against HER2 structure. Clin Transl Oncol 17, 647–656 (2015).
102. Hun, X., Xu, Y. & Bai, L. A chemiluminescence assay for L-histidine based on controlled DNAzyme catalytic reactions on magnetic microparticles. Microchim Acta 182, 565–570 (2015).
103. Cheng, C., Xin, Y. & Yin, X. Construction and validation of simple magnetic nanoparticle detector based on giant magnetoresistive effect. Chem. Res. Chin. Univ. 30, 743–748 (2014).
104. Wu, Y., Nie, F. & Xia, D. Chemiluminescence assay for the glycoprotein tenascin-C based on aptamer-modified carboxylated magnetic carbon nanoparticles. Microchim Acta 182, 227–232 (2015).
105. Wen, J., Zhou, S. & Chen, J. Colorimetric detection of Shewanella oneidensis based on immunomagnetic capture and bacterial intrinsic peroxidase activity. Sci Rep 4, 5191 (2014).
106. Liu, Z., Zhou, B., Wang, H. et al. Highly sensitive detection of human IgG using a novel bio-barcode assay combined with DNA chip technology. J Nanopart Res 15, 1964 (2013).
107. Jun, D., Zhengying, W., Shize, L. et al. Experimental research on resist filling behavior in microimprint lithography by using defocusing digital particle image velocimetry. Microsyst Technol 19, 1229–1238 (2013).
108. Wang, X., Fang, Q., Liu, S. et al. Preparation of a magnetic molecularly imprinted polymer with pseudo template for rapid simultaneous determination of cyromazine and melamine in bio-matrix samples. Anal Bioanal Chem 404, 1555–1564 (2012).
109. Liu, Z., Duan, JH., Song, YM. et al. Novel HER2 Aptamer Selectively Delivers Cytotoxic Drug to HER2-positive Breast Cancer Cells in Vitro. J Transl Med 10, 148 (2012).
110. Wang, L.L., Zhang, K., Xiong, C.Y. et al. Cytotoxicity of core-shell polystyrene magnetic beads and related mechanisms. Mol. Cell. Toxicol. 8, 217–227 (2012).
111. He, Y., Nie, F. Chemiluminescence assay for angiogenin using a signal amplification technology based on the cleavage of nicking endonucleases. Microchim Acta 174, 375–382 (2011).
112. Qiao, L., He, F., Wang, C. et al. A microfluidic chip integrated with a microoptical lens fabricated by femtosecond laser micromachining. Appl. Phys. A 102, 179–183 (2011).